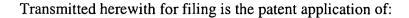
Docket No.: 62758-047

UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:



INVENTOR: Makoto ONODERA, Yoshimitsu HIRO

FOR: ANALYTICAL SHELL-MODEL PRODUCING APPARATUS

Enclosed are: 27 pages of specification, claims, abstract. Declaration and Power of Attorney. Priority Claimed. Certified copy of Japanese Patent Application No. 2003-077390 17 sheets of formal drawing. An assignment of the invention to Hitachi, Ltd. and the assignment recordation fee. An associate power of attorney. A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27. Information Disclosure Statement, Form PTO-1449 and reference. Return Receipt Postcard

The filing fee has been calculated as shown below:

| | NO. OF | | EXTRA | | |
|--|--|-----|--------|----------|----------|
| ÷ | CLAIMS | | CLAIMS | RATE | AMOUNT |
| Total Claims | 6 | -20 | 0 | \$18.00 | \$0.00 |
| Independent Claims | 2 | -3 | 0 | \$84.00 | \$0.00 |
| Multiple Dependent Claim(s) Basic Fee | | | | \$0.00 | |
| | | | | \$750.00 | |
| | Total of Above Calculations Less ½ for Small Entity | | | \$750.00 | |
| | | | | \$0.00 | |
| Assignment & Recording Fee | | | | \$40.00 | |
| Total Fee | | | | | \$790.00 |



| \boxtimes | Please charge my Deposit Account No. 500417 in the amount of \$790.00. | A duplicate |
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The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.

Any additional filing fees required under 37 CFR 1.16.

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Any patent application processing fees under 37 CFR 1.17.

Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

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Date: July 28, 2003

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